Index of Claims

| Appl | ication/Co | ntrol | No. |
|------|------------|-------|-----|

10/820,617 Examiner

Applicant(s)/Patent under Reexamination

KELLEY ET AL.

**Art Unit** 

Raleigh W. Chiu

3711

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled

÷

Restricted

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim                  |   |           |          |          |          | Date         |                |          |                    |          |  |  |
|------------------------|---|-----------|----------|----------|----------|--------------|----------------|----------|--------------------|----------|--|--|
| 010                    |   |           | Γ-       | 1        |          | שמ           |                | _        | _                  |          |  |  |
| Final                  | Original  | 11/23/05  | 3/2/06   | 9/1/06   | 1/18/07  | 6/8/07       |                |          |                    |          |  |  |
|                        | 1   | +         | 1        | 1        | 7        | 1            | Г              |          | T                  | _        |  |  |
|                        | 2   | +         | 7        | 7        | 7        | 7            |                |          | Г                  |          |  |  |
|                        | 3   | +         |          | 7        | 7        | 1            | Г              |          | ┢                  |          |  |  |
|                        | 1<br>2<br>3<br>4<br>5   | +         | 1        | 7        | 7        | 7            |                |          |                    |          |  |  |
|                        | 5   | +         | 7        | 7        | 7        | 7            |                |          |                    |          |  |  |
|                        | 6<br>7  | +         | 7        | 0        | 0        | 0            |                |          |                    |          |  |  |
|                        | 7   | +         | 1        | 1        | 1        | 1            |                |          |                    |          |  |  |
|                        | 8   | +         | 1        | 1        | 1        | /            |                |          |                    |          |  |  |
|                        | 9   | +         | 1        | 1        | 1        | /            |                |          |                    |          |  |  |
|                        | 10  | +         | 1        | 1        | 1        | 1            |                |          |                    |          |  |  |
|                        | 11  | +         |          |          |          |              | _              | <u>L</u> | _                  |          |  |  |
|                        | 12  | +         |          |          |          |              | L              | L_       |                    |          |  |  |
|                        | 13  | +         |          |          |          |              |                |          | _                  |          |  |  |
|                        | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22 | +         | <u> </u> |          |          |              | L              | _        |                    |          |  |  |
|                        | 15  | +         | _        |          |          |              | <u> </u>       | _        |                    |          |  |  |
|                        | 15  | +         | _        |          |          | -            | ⊢              | $\vdash$ |                    | L        |  |  |
|                        | 10  | +         |          |          |          | <del> </del> | $\vdash$       | <u> </u> | _                  | H        |  |  |
|                        | 10  |           |          |          |          | $\vdash$     | -              |          |                    | -        |  |  |
| $\vdash$               | 20  | -         |          | -        |          | $\vdash$     | ┢              | -        |                    | H        |  |  |
|                        | 21  | $\vdash$  |          |          | _        | -            | $\vdash$       | -        | -                  | Н        |  |  |
| <u> </u>               | 22  |           |          |          |          | ┢╌           |                |          | -                  | Н        |  |  |
|                        | 23  |           |          |          |          |              |                | _        |                    | Н        |  |  |
|                        | 23<br>24<br>25  |           |          |          |          |              |                | T        |                    | -        |  |  |
|                        | 25  |           |          |          |          |              |                |          |                    |          |  |  |
|                        | 26<br>27<br>28<br>29<br>30  |           |          |          |          |              |                |          |                    |          |  |  |
|                        | 27  |           |          |          |          |              |                | L.       |                    |          |  |  |
|                        | 28  |           |          |          |          | _            |                | _        |                    |          |  |  |
| <u> </u>               | 29  | _         |          |          |          |              |                |          |                    | Щ        |  |  |
|                        | 30  |           |          |          |          | _            |                | _        |                    | Щ.       |  |  |
| $\vdash$               | 31  |           |          |          |          |              |                | <u> </u> |                    |          |  |  |
|                        | 31<br>32<br>33  |           |          |          |          | <u> </u>     |                | _        | <u> </u>           | Н        |  |  |
| $\vdash$               | 33  | -         |          |          |          | _            | -              | ┝        | <del> </del>       |          |  |  |
|                        | 34<br>35  | $\vdash$  | _        |          |          |              |                | ┝        | ┢                  | -        |  |  |
|                        | 36  | $\vdash$  |          |          |          | -            | <del> </del> — | ┢        | ┝╾                 |          |  |  |
| $\vdash$               | 37  |           |          |          |          |              | $\vdash$       | $\vdash$ | ┢╾                 | Н        |  |  |
|                        | 36<br>37<br>38  |           |          |          |          |              | $\vdash$       |          | _                  | Н        |  |  |
|                        | 39  |           |          |          | _        |              |                | $\vdash$ |                    | Н        |  |  |
|                        | 40  |           |          |          |          |              |                |          |                    | П        |  |  |
|                        | 41  |           |          |          |          |              |                |          |                    |          |  |  |
| ]                      | 42  |           |          |          |          |              |                |          |                    |          |  |  |
| <u> </u>               | 43  |           |          |          |          |              | <u> </u>       |          | $oxedsymbol{oxed}$ | Ш        |  |  |
|                        | 44  |           | $\dashv$ |          |          |              | <u> </u>       | <u> </u> | <u> </u>           |          |  |  |
|                        | 45  | <b>  </b> |          |          | _        |              | <u> </u>       | <u> </u> | <u> </u>           | Ш        |  |  |
|                        | 46  | $\vdash$  |          |          | $\vdash$ | <u> </u>     | <u> </u>       | <u> </u> | <u> </u>           |          |  |  |
| $\vdash\vdash\vdash$   | 47<br>48  | -         |          | -        | _        |              | _              | <u> </u> |                    | $\vdash$ |  |  |
| $\vdash \vdash \vdash$ | 49  |           |          | $\vdash$ | $\dashv$ |              |                |          | $\vdash$           |          |  |  |
| $\vdash$               | 50  |           | -        |          |          |              | <u> </u>       |          | $\vdash$           | $\vdash$ |  |  |
|                        | 90  | $\Box$    |          |          |          |              |                |          |                    |          |  |  |

| Cla         | aim      | Date   |              |  |  |  |              |          |  |  |
|-------------|----------|--|--------------|--|--|--|--------------|----------|--|--|
|             | l .      |  |              |  | Ϊ́   | Γ  | Ĺ            |          | Γ  | Γ  |
| Final       | Original |  |              | į  |  |  |              | :        |  |  |
|             | 51<br>52 |  |              |  |  |  |              |          |  |  |
|             | 52       | L.,  | L            |  |  |  |              |          |  |  |
|             | 53       |  | L            |  | L  | <u> </u>   | _            | L        |  |  |
|             | 54       | _  |              |  | _  | <u> </u>   | <u> </u>     |          |  |  |
|             | 55       | <b>-</b>   | _            |  | <u> </u>   | _  | _            | <u> </u> | _  |  |
|             | 56       | ļ  | <u> </u>     |  | <u> </u>   | ⊢  |              | <u> </u> | <u> </u>   |  |
|             | 57<br>58 | -  | ├-           | -  | $\vdash$   | ┢╌   | ├            | $\vdash$ | $\vdash$   | <u> </u>   |
|             | 59       |  | $\vdash$     |  | ┢  | $\vdash$   | ┢╌           | -        | ┝  |  |
|             | 60       |  |              |  | ┢  |  | -            | ┢        | $\vdash$   | $\vdash$   |
|             | 61       | <del>                                     </del> | $\vdash$     |  | $\vdash$   | ├  | $\vdash$     | $\vdash$ | $\vdash$   |  |
|             | 62       |  |              |  | <del>                                     </del> | <del> </del>                                     | 1            | $\vdash$ | $\vdash$   | <del>                                     </del> |
|             | 63       |  |              | <u> </u>   | T  |  |              | $\vdash$ |  |  |
|             | 64       |  |              |  |  |  |              |          |  |  |
|             | 65       |  |              |  |  |  |              |          |  |  |
|             | 66<br>67 |  |              |  | ı.   |  |              |          |  |  |
|             | 67       |  |              | _  | _  |  | _            | <u> </u> |  | lacksquare                                       |
|             | 68       | <u> </u>   |              | _  |  |  |              |          |  | L  |
|             | 69       | _  |              | <u> </u>   |  | _  |              | ļ        | <u> </u>   | Ь.   |
|             | 70<br>71 |  |              | -  |  | <u> </u>   | _            |          | ├-   | <u> </u>   |
|             | 72       | <del>  -</del>                                   |              |  |  | -  | <u> </u>     |          | H  | Н  |
| <del></del> | 73       | <u> </u>   | <del> </del> | ├  |  | -  | ┢            |          |  |  |
|             | 74       | -  |              | $\vdash$   | -  |  | $\vdash$     | $\vdash$ | -  | -  |
|             | 75       | $\vdash$   |              | -  | $\vdash$   |  |              |          | <del>                                     </del> | <del>                                     </del> |
|             | 76       | Г  |              | T  |  |  |              | $\vdash$ |  |  |
|             | 77<br>78 |  |              |  |  |  |              |          |  |  |
|             | 78       |  |              |  |  |  |              |          |  |  |
|             | 79       |  |              | L  |  |  | <u> </u>     |          | L  |  |
|             | 80       | _  |              | _  |  |  |              |          |  | _  |
|             | 81       | <u> </u>   |              | _  | L  |  | _            |          |  |  |
|             | 82       | ┝  |              |  | _  |  | <u> </u>     |          |  | L  |
|             | 83<br>84 | $\vdash$   | _            | <del> </del>                                     | _  | <del> </del>                                     | <del> </del> | _        | _  | $\vdash$   |
| <u> </u>    | 85       | <u> </u>   | _            | <u> </u>   | -  | <del>                                     </del> | $\vdash$     |          | $\vdash$   |  |
|             | 86       | $\vdash$   | $\vdash$     | _  | ├  |  | $\vdash$     |          | -  |  |
|             | 87       |  |              | <del>                                     </del> | -  |  | $\vdash$     |          | $\vdash$   |  |
|             | 88       |  |              | _  |  |  | $\vdash$     |          |  | П  |
|             | 89       |  |              |  |  |  |              |          |  |  |
|             | 90       |  |              |  |  |  |              |          |  |  |
|             | 91       |  |              |  |  |  |              |          |  |  |
|             | 92       | $\vdash$   |              | _  | _  | <u> </u>   | L.,          | <u> </u> |  | Ш  |
|             | 93       | _  |              |  | _  | <u> </u>   | $\vdash$     |          |  | Ш  |
| <b></b> _   | 94       | H  | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash$     | H        | L  | $\vdash$   |
|             | 95<br>96 |  |              |  | <u> </u>   | $\vdash$   |              |          |  | $\vdash$   |
| -           | 97       | H  | -            | $\vdash$   | -  | <del> </del>                                     | Н            | $\vdash$ | _  | $\vdash$   |
|             | 98       |  |              |  |  |  |              | $\vdash$ | <del></del>                                      | $\vdash$   |
|             | 99       | _  | -            |  | H  | $\vdash$   | -            |          |  | $\vdash$   |
| -           |          | $\vdash$   | -            | $\vdash$   | $\vdash$   | <u> </u>   | -            |          | $\vdash$   | $\vdash$   |

100

| Cla                    | aim               |          |              |              |              | Date     | е        |              |          |                 |
|------------------------|-------------------|----------|--------------|--------------|--------------|----------|----------|--------------|----------|-----------------|
|                        |                   |          |              |              |              |          |          |              |          |                 |
| Final                  | Original          |          |              |              | :            |          |          |              |          |                 |
|                        | 101               |          |              |              | ┢            |          |          |              |          |                 |
|                        | 102               |          |              |              |              |          | -        | -            | $\vdash$ | $\vdash$        |
|                        | 103               |          | <u> </u>     | T            | $\vdash$     |          | _        | _            | $\vdash$ | H               |
|                        | 104               |          |              |              |              | -        | _        |              |          |                 |
|                        | 105               |          |              |              |              |          |          |              | Г        |                 |
|                        | 106               |          |              |              |              |          |          |              |          |                 |
|                        | 107               |          |              |              |              |          |          |              |          |                 |
| L                      | 108               |          |              | _            | <u>L</u> .   |          |          |              |          |                 |
|                        | 109               |          |              |              |              |          |          | <u> </u>     | <u></u>  |                 |
|                        | 110               |          |              |              | ļ            | <u> </u> | L        | <u> </u>     | _        |                 |
| $\vdash$               | 111               | <u> </u> | <u> </u>     | <u> </u>     | _            | <u> </u> | _        | <u> </u>     | _        | Ш               |
|                        | 112               |          |              | $\vdash$     | $\vdash$     |          | -        | <u> </u>     | $\vdash$ | Н               |
| $\vdash$               | 113               | <u> </u> | ⊢            | -            | $\vdash$     | -        | -        | <u> </u>     | -        | $\vdash \vdash$ |
| $\vdash$               | 114<br>115        | <u> </u> | $\vdash$     |              | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | -        | $\vdash \vdash$ |
| $\vdash$               | 116               | -        | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | -            | $\vdash$ | Н               |
|                        | 117               |          | $\vdash$     |              |              | $\vdash$ | ┢        | $\vdash$     | -        | Н               |
|                        | 118               | _        | $\vdash$     | -            | <del> </del> | ╁        | -        | _            | -        | Н               |
|                        | 119               |          | $\vdash$     |              |              | ┢        |          | -            |          |                 |
|                        | 120               |          | $\vdash$     |              |              | ┢        |          | $\vdash$     |          |                 |
|                        | 121               |          |              |              |              | _        |          |              |          | Н               |
|                        | 122               |          |              |              |              |          |          |              | П        | П               |
|                        | 122<br>123<br>124 |          |              |              |              |          |          |              |          |                 |
|                        | 124               |          |              |              |              |          |          |              |          | П               |
|                        | 125<br>126        |          |              |              |              |          |          |              |          |                 |
|                        | 126               |          |              |              |              |          |          |              |          |                 |
|                        | 127<br>128        |          | _            | <u> </u>     |              |          |          |              |          | Ш               |
|                        | 128               |          |              | <u> </u>     |              |          | <u> </u> |              |          | Ш               |
|                        | 129               |          |              | _            |              | <u> </u> | <u> </u> | <u> </u>     | ļ        |                 |
|                        | 130               |          |              | <u> </u>     |              | <u> </u> | _        | <u> </u>     |          | Ш               |
|                        | 131               |          | _            | <u> </u>     |              | _        | _        | <u> </u>     |          | Н               |
|                        | 132               |          | _            | $\vdash$     | $\vdash$     | ├        | <u> </u> | <del> </del> |          | Н               |
| -                      | 133<br>134        |          | _            | $\vdash$     | <u> </u>     | ├        |          | <del> </del> | -        | Н               |
|                        | 135               |          | <del> </del> | <del> </del> | <b></b> -    | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | Н               |
| $\vdash$               | 136               |          |              | $\vdash$     | H            | $\vdash$ | $\vdash$ |              | <b> </b> | H               |
|                        | 137               |          | <u> </u>     | $\vdash$     | $\vdash$     |          | ├-       |              | $\vdash$ | H               |
| $\Box$                 | 138               | _        | _            |              |              | Т        |          |              |          | Н               |
| П                      | 139               |          |              |              |              |          |          |              |          | П               |
|                        | 140               |          |              |              |              |          |          |              |          |                 |
|                        | 141               |          |              |              |              |          |          |              |          |                 |
|                        | 142               |          |              |              |              |          |          |              |          |                 |
|                        | 143               |          |              |              |              |          |          |              |          |                 |
| $\Box$                 | 144               |          |              |              |              | <u> </u> |          | Щ            | <u> </u> | Ш               |
| Щ                      | 145               |          |              | ļ            | Щ.           |          | ļ        | Ш            | Ш        | Щ               |
|                        | 146               |          |              |              |              | L.,      | <u> </u> |              | L        | Щ               |
| $\vdash \vdash \vdash$ | 147               |          | ļ            |              | Щ            |          |          |              | <b> </b> | Ш               |
| $\vdash\vdash\vdash$   | 148               |          |              |              |              |          | <u> </u> |              |          |                 |
| $\vdash\vdash\vdash$   | 150               |          |              |              |              | <u> </u> |          |              | Н        |                 |
| ш                      | 130               |          |              | -            |              | نـــا    |          | ш            |          | Ш               |